

APPENDIX B – TEST DATA OF RADIATED EMISSION

Radiated Spurious Emissions

LTE band 2

Test result:

Channel 18615

| Frequency (MHz) | Power (dBm) | Limited (dBm) | Polarization |
|-----------------|-------------|---------------|--------------|
| 2455.25 | -52.47 | -13 | Vertical |
| 2778.64 | -51.92 | -13 | Vertical |
| 3730.70 | -44.23 | -13 | Vertical |
| 6676.74 | -43.43 | -13 | Vertical |
| 9963.12 | -39.78 | -13 | Vertical |
| 17824.23 | -35.33 | -13 | Vertical |

Channel 18900

| Frequency (MHz) | Power (dBm) | Limited (dBm) | Polarization |
|-----------------|-------------|---------------|--------------|
| 2456.39 | -53.08 | -13 | Vertical |
| 2778.72 | -51.42 | -13 | Vertical |
| 3730.37 | -44.26 | -13 | Vertical |
| 6677.65 | -43.15 | -13 | Vertical |
| 9962.39 | -39.56 | -13 | Vertical |
| 17822.05 | -35.41 | -13 | Vertical |

Channel 19175

| Frequency (MHz) | Power (dBm) | Limited (dBm) | Polarization |
|-----------------|-------------|---------------|--------------|
| 2453.95 | -52.82 | -13 | Vertical |
| 2778.19 | -51.42 | -13 | Vertical |
| 3729.40 | -43.57 | -13 | Vertical |
| 6678.36 | -43.46 | -13 | Vertical |
| 9962.67 | -39.83 | -13 | Vertical |
| 17823.15 | -35.47 | -13 | Vertical |

LTE band 4

Test result:
Channel 19957

| Frequency (MHz) | Power (dBm) | Limited (dBm) | Polarization |
|-----------------|-------------|---------------|--------------|
| 2456.58 | -52.61 | -13 | Vertical |
| 2778.22 | -51.53 | -13 | Vertical |
| 3730.12 | -44.31 | -13 | Vertical |
| 6677.03 | -43.12 | -13 | Vertical |
| 9963.17 | -40.20 | -13 | Horizontal |
| 17820.64 | -35.45 | -13 | Vertical |

Channel 20175

| Frequency (MHz) | Power (dBm) | Limited (dBm) | Polarization |
|-----------------|-------------|---------------|--------------|
| 2456.09 | -52.90 | -13 | Vertical |
| 2778.96 | -51.87 | -13 | Vertical |
| 3727.85 | -44.08 | -13 | Vertical |
| 6679.34 | -43.67 | -13 | Vertical |
| 9961.45 | -40.35 | -13 | Vertical |
| 17822.13 | -35.34 | -13 | Vertical |

Channel 20393

| Frequency (MHz) | Power (dBm) | Limited (dBm) | Polarization |
|-----------------|-------------|---------------|--------------|
| 2454.18 | -53.08 | -13 | Vertical |
| 2778.95 | -51.80 | -13 | Vertical |
| 3729.43 | -43.81 | -13 | Vertical |
| 6676.94 | -43.21 | -13 | Vertical |
| 9962.93 | -40.11 | -13 | Vertical |
| 17824.31 | -35.84 | -13 | Vertical |

LTE band 5

Test result:
Channel 20400

| Frequency (MHz) | Power (dBm) | Limited (dBm) | Polarization |
|-----------------|-------------|---------------|--------------|
| 1647.75 | -52.04 | -13 | Vertical |
| 1666.08 | -51.33 | -13 | Vertical |
| 2532.70 | -43.41 | -13 | Horizontal |
| 2575.97 | -43.12 | -13 | Vertical |
| 8964.15 | -39.88 | -13 | Horizontal |
| 9969.06 | -35.25 | -13 | Vertical |

Channel 20525

| Frequency (MHz) | Power (dBm) | Limited (dBm) | Polarization |
|-----------------|-------------|---------------|--------------|
| 1650.31 | -52.36 | -13 | Horizontal |
| 1666.13 | -51.47 | -13 | Vertical |
| 2533.71 | -43.59 | -13 | Vertical |
| 2574.76 | -43.12 | -13 | Vertical |
| 8965.90 | -39.64 | -13 | Vertical |
| 9968.43 | -35.37 | -13 | Vertical |

Channel 20649

| Frequency (MHz) | Power (dBm) | Limited (dBm) | Polarization |
|-----------------|-------------|---------------|--------------|
| 1648.93 | -52.51 | -13 | Vertical |
| 1664.69 | -51.85 | -13 | Horizontal |
| 2535.86 | -44.08 | -13 | Horizontal |
| 2574.45 | -42.65 | -13 | Vertical |
| 8963.55 | -39.35 | -13 | Vertical |
| 9969.71 | -35.54 | -13 | Vertical |

LTE band 7

Test result:
Channel 20775

| Frequency (MHz) | Power (dBm) | Limited (dBm) | Polarization |
|-----------------|-------------|---------------|--------------|
| 2456.12 | -52.87 | -25 | Horizontal |
| 2780.61 | -51.63 | -25 | Vertical |
| 3731.11 | -44.22 | -25 | Vertical |
| 6678.04 | -43.87 | -25 | Vertical |
| 9962.34 | -39.91 | -25 | Vertical |
| 17822.36 | -35.32 | -25 | Vertical |

Channel 21100

| Frequency (MHz) | Power (dBm) | Limited (dBm) | Polarization |
|-----------------|-------------|---------------|--------------|
| 2453.78 | -52.40 | -25 | Vertical |
| 2779.61 | -52.08 | -25 | Horizontal |
| 3729.27 | -43.79 | -25 | Vertical |
| 6678.38 | -43.52 | -25 | Vertical |
| 9961.45 | -40.18 | -25 | Horizontal |
| 17823.19 | -36.11 | -25 | Vertical |

Channel 21350

| Frequency (MHz) | Power (dBm) | Limited (dBm) | Polarization |
|-----------------|-------------|---------------|--------------|
| 2455.69 | -52.50 | -25 | Vertical |
| 2778.13 | -52.01 | -25 | Vertical |
| 3730.31 | -43.50 | -25 | Vertical |
| 6679.98 | -43.29 | -25 | Horizontal |
| 9963.19 | -39.55 | -25 | Horizontal |
| 17820.89 | -36.19 | -25 | Vertical |

LTE band 28

Test result:

Channel 27225

| Frequency (MHz) | Power (dBm) | Limited (dBm) | Polarization |
|-----------------|-------------|---------------|--------------|
| 1647.62 | -52.09 | -13 | Vertical |
| 1665.37 | -52.01 | -13 | Vertical |
| 2534.58 | -43.29 | -13 | Horizontal |
| 2574.92 | -43.08 | -13 | Vertical |
| 8962.05 | -40.12 | -13 | Horizontal |
| 9970.87 | -36.07 | -13 | Vertical |

Channel 27375

| Frequency (MHz) | Power (dBm) | Limited (dBm) | Polarization |
|-----------------|-------------|---------------|--------------|
| 1649.55 | -52.02 | -13 | Horizontal |
| 1666.75 | -51.94 | -13 | Vertical |
| 2534.57 | -43.44 | -13 | Vertical |
| 2574.77 | -43.07 | -13 | Vertical |
| 8965.60 | -39.74 | -13 | Vertical |
| 9969.61 | -36.11 | -13 | Vertical |

Channel 27645

| Frequency (MHz) | Power (dBm) | Limited (dBm) | Polarization |
|-----------------|-------------|---------------|--------------|
| 1647.83 | -51.92 | -13 | Vertical |
| 1667.06 | -51.46 | -13 | Horizontal |
| 2534.80 | -44.04 | -13 | Horizontal |
| 2575.90 | -42.90 | -13 | Vertical |
| 8965.57 | -39.28 | -13 | Vertical |
| 9969.91 | -36.02 | -13 | Vertical |

---The end of the test report---